Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1.   (currently amended) A method for generating a screen element, based on a data object, of a ~~wireless~~ component application executing on a wireless device ~~based on a data object~~ for display[[ed]] on a user interface of [[a]] the wireless device, the component application including a data component having at least one data field definition and a screen component having at least one screen element definition, the components ~~definitions expressed~~ being defined in a structured definition language, the method comprising the steps of:

selecting the screen component corresponding to the screen element selected for display;

identifying at least one mapping present in the screen component, the mapping for specifying a relationship between the screen component and the data component as defined by an identifier representing the mapping;

selecting the data component mapped by the mapping according to the mapping identifier;

obtaining a data object field value corresponding to the data field definition of the mapped data component;

generating a screen element from the screen element definition to include the data object field value according to the format of the data field definition as defined in the mapped data component.

2.   (original) The method according to claim 1, wherein a plurality of the data field definitions of the data component is shared between the screen component and the data component as represented by the mapping.

3.   (original) The method according to claim 2 further comprising the step of linking the plurality of data field definitions to corresponding ones of the screen element definitions of the screen component as represented by the identifier.

4.   (original) The method according to claim 2 further comprising the step of detecting a user event of the user interface related to the screen element.

5.   (original) The method according to claim 4 further comprising the step of identifying the mapping in the screen component corresponding to the linked data component of the affected screen element.

6.   (original) The method according to claim 5 further comprising the step of updating the data object in a memory using the data field definition of the linked data component.

7.   (original) The method according to claim 5 further comprising the step of creating a new one of the data object in a memory using the data field definition of the linked data component.

8.   (currently amended) The method according to claim 2, wherein the data object field value is obtained by being passed to the user interface as a ~~screen~~ parameter.

9.   (original) The method according to claim 2, wherein a first screen element definition is mapped by a first one of the identifiers to a first one of the data components and a second screen element definition is mapped by a second one of the identifiers to a second one of the data components different from the first data component.

10.   (original) The method according to claim 9, wherein the first screen element definition and the second screen element definition are mapped to the same data component using the first identifier.

11.   (original) The method according to claim 2, wherein the structured definition language is XML based.

12.   (original) The method according to claim 2, wherein the identifier is a simple primary key.

13.   (original) The method according to claim 2, wherein the identifier is a composite key.

14.   (original) The method according to claim 2 further comprising the step of receiving an asynchronous communication message by the device via a network coupled to the device, the message including a message data object.

15.   (original) The method according to claim 2 further comprising the step of checking the message for the mapping corresponding to the data component of the application provisioned on the device.

16.   (currently amended) The method according to claim 15 further comprising the step of updating the ~~message data object corresponding to the message in a memory using the data field definition of the linked~~ data component <u>in accordance with the message</u> and then reflecting ~~that data change~~ <u>the update</u> in the screen element linked to the data <u>component</u> ~~object~~.

17.   (original) The method according to claim 15 further comprising the step of creating the data object corresponding to the message in a memory using the data field definition of the linked data component.

18.   (currently amended) A system for generating a screen element<u>, based on a data object,</u> of a ~~wireless~~ <u>component</u> application <u>executing on a wireless device,</u> ~~based on a data object~~ <u>for</u> display[[ed]] on a user interface of [[a]] <u>the</u> wireless device, the <u>component</u> application including a data component having at least one data field definition and a screen component having at least one screen element definition, the component<u>s being defined</u> ~~definitions expressed~~ in a structured definition language, the ~~method~~ <u>system</u> comprising ~~the steps of~~:

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a mapping manager for ~~selecting the screen component corresponding to the screen element and~~ identifying at least one mapping present in the screen component, the mapping for specifying a relationship between the screen component and the data component as defined by an identifier representing the mapping, ~~the mapping manager~~ and for selecting the data component mapped by the mapping according to the mapping identifier;

a data manager for obtaining a data object field value corresponding to the data field definition of the mapped data component; and

a screen manager for generating a screen element from the screen element definition to include the data object field value according to the format of the data field definition as defined in the mapped data component.

19. (original) The system according to claim 18, wherein a plurality of the data field definitions of the data component is shared between the screen component and the data component as represented by the mapping.

20. (original) The system according to claim 19, wherein the plurality of data field definitions are linked to corresponding ones of the screen element definitions of the screen component as represented by the identifier.

21. (currently amended) The system according to claim 19 ~~further comprising~~ wherein the presentation manager is further configured for detecting a user event of the user interface related to the screen element.

22. (currently amended) The system according to claim 21 ~~further comprising~~ wherein the mapping manager is further configured for identifying the mapping in the screen component corresponding to the linked data component of the ~~affected~~ related screen element.

23. (currently amended) The system according to claim 22 wherein the data manager is further configured for updating the data object in a memory using the data field definition of the linked data component.

24. (currently amended) The system according to claim 22 ~~further comprising~~ wherein the data manager is further configured for creating a new one of the data object in a memory using the data field definition of the linked data component.

25. (currently amended) The system according to claim 19, wherein the data object field value is obtained by being passed to the user interface as a ~~screen~~ parameter.

26. (original) The system according to claim 19, wherein a first screen element definition is mapped by a first one of the identifiers to a first one of the data components and a second screen element definition is mapped by a second one of the identifiers to a second one of the data components different from the first data component.

27. (original) The system according to claim 26, wherein the first screen element definition and the second screen element definition are mapped to the same data component using the first identifier.

28. (currently amended) The system according to claim 19, wherein the structured definition language is Extensible Markup Language (XML) based.

29. (original) The system according to claim 19, wherein the identifier is a simple primary key.

30. (original) The system according to claim 19, wherein the identifier is a composite key.

31. (original) The system according to claim 19 further comprising a communication manager for receiving an asynchronous communication message by the device via a network coupled to the device, the message including a message data object.

32. (currently amended) The system according to claim 19 ~~further comprising~~ wherein the mapping manager is further configured for checking the message for the mapping corresponding to the data component of the application provisioned on the device.

33.   (currently amended) The system according to claim 32 ~~further comprising~~ wherein the data manager is further configured for updating the ~~message data object in a memory using the data field definition of the linked~~ data component in accordance with the message and then reflecting the update in the screen element linked to the data component.

34.   (original) The system according to claim 32 further comprising the data manager configured for creating the message data object in a memory using the data field definition of the linked data component.

35.   (currently amended) A method for generating a data object of a ~~wireless~~ component application executing on a wireless device based on a change in a screen element displayed on a user interface of a wireless device, the component application including a data component having at least one data field definition and a screen component having at least one screen element definition, the components being defined ~~definitions expressed~~ in a structured definition language, the method comprising the steps of:

    selecting the screen component corresponding to the screen element;

    identifying at least one mapping present in the screen component, the mapping for specifying a relationship between the screen component and the data component;

    selecting the data component mapped by the mapping;

    obtaining a changed value from the screen element corresponding to the mapped data component;

    assigning the changed value to a data field value of the data object according to the format of the data field definition as defined in the mapped data component.

36.   (currently amended) A <u>wireless</u> device for generating a screen element<u>,</u> <u>based on a data object,</u> of a <u>component</u> ~~wireless~~ application ~~based on a data object~~ <u>executing on the wireless device</u> <u>for</u> display[[ed]] on a user interface of [[a]] <u>the</u> wireless device, the <u>component</u> application including a data component having at least one data field definition and a screen component having at least one screen element definition, the component<u>s being defined</u> ~~definitions expressed~~ in a structured definition language, the ~~method~~ <u>wireless device</u> comprising ~~the steps of~~:

means for selecting the screen component corresponding to the screen element selected for display;

means for identifying at least one mapping present in the screen component, the mapping for specifying a relationship between the screen component and the data component;

means for selecting the data component mapped by the mapping;

means for obtaining a data object field value corresponding to the data field definition of the mapped data component;

means for generating a screen element from the screen element definition to include the data object field value according to the format of the data field definition as defined in the mapped data component.

37.   (cancelled)

37.   (new) A computer readable medium comprising instructions for generating a screen element, based on a data object, of a component application executing on a wireless device for display on a user interface of the wireless device, the component application including a data component having at least one data field definition and a screen component having at least one screen element definition, the components being defined in a structured definition language, the instructions, when implemented on a computing device, cause the computing device to implement the steps of:

selecting the screen component corresponding to the screen element selected for display;

identifying at least one mapping present in the screen component, the mapping for specifying a relationship between the screen component and the data component as defined by an identifier representing the mapping;

selecting the data component mapped by the mapping according to the mapping identifier;

obtaining a data object field value corresponding to the data field definition of the mapped data component;

generating a screen element from the screen element definition to include the data object field value according to the format of the data field definition as defined in the mapped data component.